

Sustainable DC Budget Challenge Projects

To help move sustainability further, faster, the Mayor and DC Council committed \$4.5 million dollars of capital budget to fund innovative sustainability projects across the city in beginning in 2013. Through a competitive process, agencies proposed projects to test new sustainability projects and plan for longer term needs. Some projects were proposed as public-private partnerships, enlisting local stakeholders to incorporate their expertise and learn from best practices. These projects represent a significant early investment to advance the Sustainable DC plan and demonstrate how the District government is leading by example on the path to becoming the greenest, healthiest, most livable city in the nation.

1. Cool, Green, or Solar: Structural Assessment Survey (DGS) - \$600,000

The Cool, Green or Solar Roof Initiative conduct structural assessments of existing District owned buildings, city-wide, to see if they can be retrofitted with cool, green, or solar roofs. It provides a very cost-effective opportunity to reduce District energy use while simultaneously improving District health, comfort, and air quality.

2. Saving Gas and Money with Anti-Idling Devices on Police Cars (MPD) - \$132,500

The District will purchase, install and evaluate on-board batteries and idling controls in cars that are stationary for long periods of time in high asthma areas. This technology permits stationary cruisers to use required electronics without running their engines, saving fuel and reducing vehicle emissions.

3. Sustainable Power Plant at Langston Dwellings (DCHA) – \$245,000

The Housing Authority will undertake a bold and innovative effort to redevelop an idle power plant at the Langston Dwellings, which was once fueled by coal, and transform it into a model for renewable energy generation.

4. Minimizing Food Deserts with an Urban Food Network (DPR) - \$300,000

The District will create an urban food network to minimize food deserts and provide local food within half mile of all District residents. Working closely with many partners, this pilot project will implement eight demonstration gardens at recreation centers in each ward.

5. Living Building Challenge (DDOE) - \$179,550

Using the Living Building Challenge model, the District will explore the practicality of constructing zero energy, zero waste, zero waste buildings in the District by testing these methods on a District building needing modernization.

6. Climate Adaptation Plan Study (DDOE) - \$290,000

The District will conduct a three-phase climate change impact analysis that will form the basis of a District-wide climate resiliency and adaption plan.

7. Waste System Life-Cycle Study (DPW) - \$300,000

The District seeks to conduct a feasibility study of and develop an implementation strategy, if practicable, for establishing a waste-to-energy conversion facility within the District.

8. Temporary Movable Parks (DPR) - \$226,280

Within the constraints of a 9' X 19' public parking space boundary, the District proposes to swiftly and efficiently design and construct (10) DC movable mini-parks in this pilot program.

9. Compost Site Pilot Projects (OP) - \$600,000

The District will design and build three to four compost sites co-located with urban farms or community gardens to test different methods of composting for residential drop-off. Sites will be managed by an external contractor and include community education and tracking outcomes.

10. Tree Canopy Implementation Plans for Park and School Lands (DDOE) - \$467,170

The District will work towards the Mayor's vision of a 40% canopy by 2032 by developing and implementing tree canopy plans for DPR and DCPS lands.

11. Green Purchasing Program (OCP) - \$237,500

The District will stand up a Green Purchasing Program that serves as a focal point for sustainable purchasing efforts amongst District Agencies, the local vendor community, and like-minded institutional purchasers based in the District.

12. Implementing the Environmental Literacy Plan in DC Public Schools (DDOE) - \$272,000

The District will build the capacity for the systemic implementation of the DC Environmental Literacy Plan in District schools by funding sustainability educators.